

Converting Colors

YUV(95.1000, 34.9537,
-57.9697)

Have a look what the booklet for
YUV(95.1000, 34.9537, -57.9697)
contains.

YUV(95.1000, 34.9537, -57.9697)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(95.1000, 34.9537,
-57.9697)**

Conversions

Conversions Part 1

Format	Color
Hex	1D73A6
RGB	29, 115, 166
RGB Percent	11%, 45%, 65%
CMY	0.8863, 0.5490, 0.3490
CMYK	0.83, 0.31, 0.00, 0.35
HSL	202°, 70%, 38%
HSV	202°, 83%, 65%
XYZ	13.5204, 15.2759, 38.3123
YIQ	95.1000, -67.6270, -2.3710

Conversions

Conversions Part 2

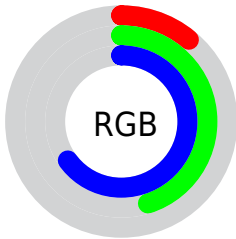
Format	Color
R_{YB}	29, 82, 166
Decimal	1930150
CIE _{Lab}	46.01, -6.28, -34.28
CIE _{LCh}	46, 34.852, 259.627
Yxy	15.2759, 0.2015, 0.2276
Android (android.graphics.Color)	4280120230 (0xFF1D73A6)
YUV	95.1000, 34.9537, -57.9697
Hunter-Lab	39.0843, -6.6494, -30.7599

Details

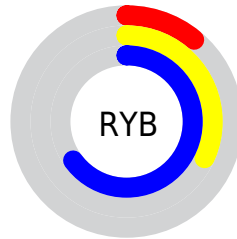
The YUV color **95.1000, 34.9537, -57.9697** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **99.9000, -34.9537, 57.9697**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2260, 33.9056, -48.4332**, and **52.3250, 30.4058, -45.8890** is the 20% darker color. If you saturate the color by 10%, you get **86.4950, 39.1960, -65.3321**, and if you desaturate by 10%, it is **103.7050, 30.7114, -50.6073**.

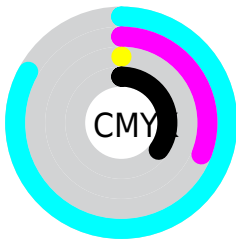
Distribution



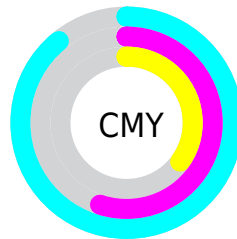
- Red (11%)
- Green (45%)
- Blue (65%)



- Red (11%)
- Yellow (32%)
- Blue (65%)



- Cyan (83%)
- Magenta (31%)
- Yellow (0%)
- Black (35%)



- Cyan (89%)
- Magenta (55%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1000, 34.9537, -57.9697 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 95.1000, 34.9537, -57.9697 by changing the saturation by 10% instead.

■ 95.1000, 34.9537,
-57.9697

■ 95.1000, 34.9537,
-57.9697

■ 255.0000, 0.0000,
0.0000

■ 69.2630, 34.3803,
-60.7437

■ 152.2260, 33.9056,
-48.4332

■ 52.3250, 30.4058,
-45.8890

■ 180.3510, 34.3370,
-46.7888

■ 36.5610, 25.8524,
-32.0640

■ 206.0280, 24.1432,
-43.8746

■ 22.0850, 21.1571,
-19.3685

■ 231.1350, 11.7654,
-40.4604

■ 6.6630, 17.9141,
-5.8435

■ 242.7410, 6.0437,
-25.2059

■ 2.9810, 8.8834,
-2.6143

■ 251.7110, 1.6215,

■ 0.0000, 0.0000,

-6.7625

0.0000

■ 95.1000, 34.9537,
-57.9697

■ 95.1000, 34.9537,
-57.9697

■ 86.4950, 39.1960,
-65.3321

■ 103.7050, 30.7114,
-50.6073

■ 79.9720, 42.4118,
-70.1354

■ 112.0110, 26.6166,
-43.8596

■ 121.2030, 22.0849,
-37.0120

■ 129.5090, 17.9901,
-30.2644

■ 138.1140, 13.7478,
-22.9020

■ 146.7190, 9.5055,
-15.5396

■ 155.0250, 5.4107,
-8.7919

■ 163.6300, 1.1684,
-1.4295

■ 172.5230, -3.2158,
4.8033

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4690, 31.8138, -77.5873



95.1000, 34.9537, -57.9697



108.7360, 27.2452, -12.0465

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.1000, 34.9537, -57.9697



109.8920, -9.3138, 47.4527



100.5460, -15.0592, -23.2808

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



95.1000, 34.9537, -57.9697



99.9000, -34.9537, 57.9697

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.5510, -25.9076, 3.0248



95.1000, 34.9537, -57.9697



108.4600, -20.9328, 40.8156

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.1000, 34.9537, -57.9697



111.4040, 4.2378, 40.8647



107.2270, -27.7199, 24.3569



89.5380, 3.6788, -60.1078

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.1000, 34.9537, -57.9697



112.1580, 20.6281, 10.3854



107.2270, -27.7199, 24.3569



102.0480, -19.7437, -14.0741

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



95.1000, 34.9537, -57.9697



189.1140, 13.7478, -22.9020



115.1190, -17.8067, -75.5264



92.5020, 8.6265, -13.5953



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1000, 34.9537, -57.9697



105.7550, 54.8438, -90.9931



55.1840, 54.6323, -22.9634



79.8470, 2.0474, -3.3738



71.4630, 37.7327, -62.6731



9.9110, 4.9739, -8.6919

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79.7670, 17.3699, 75.6263



81.6750, 27.2752, 118.6800



139.8160, -54.6323, 22.9634



78.9620, 1.0047, 4.4183



54.8540, 18.8060, 81.6890



7.4620, 2.7302, 10.9958

Previews

White Background



This preview shows how the YUV color 95.1000, 34.9537, -57.9697 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 95.1000, 34.9537, -57.9697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

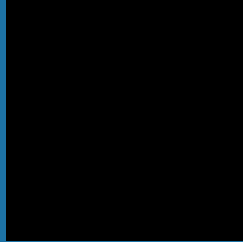
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.1000, 34.9537, -57.9697

Background



This preview shows how black text looks on a background with the YUV color 95.1000, 34.9537, -57.9697.



This preview shows how white text looks on a background with the YUV color 95.1000, 34.9537,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.1000, 34.9537, -57.9697

Protanopia

108.1440, 25.0720, -15.0353

Deuteranopia

105.8700, 30.6301, -24.4420



Tritanopia

85.8470, 21.7674, -75.2878

Trichromacy



Original Color

95.1000, 34.9537, -57.9697

Protanomaly

103.3700, 28.9046, -31.0195

Deuteranomaly

102.1350, 31.9784, -36.9524

Tritanomaly

89.4440, 26.4031, -68.7954

Monochromacy



Original Color

95.1000, 34.9537, -57.9697

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8970, 12.8688, -20.9577

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1000, 34.9537, -57.9697 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(29, 115, 166)` looks like.

```
.text, #text, p{  
    color:rgb(29, 115, 166)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(29, 115, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 115, 166) }
```

Border

The CSS property to change the border of an element to YUV 95.1000, 34.9537, -57.9697 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(29, 115, 166) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(29, 115, 166) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(29, 115, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 115, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 115, 166);  
box-shadow:4px 4px 4px 4px rgb(29, 115,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 95.1000, 34.9537, -57.9697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 115, 166) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(29, 115,  
166) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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